Report for ONA Market Area: SHEBOYGAN WI

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	54.7%	54.5%	54.4%	54.3%
SS7: TRS317	43.7%	58.6%	58.5%	58.3%
SS7: TRS394	43.7%	58.6%	58.5%	58.3%

Report for ONA Market Area: WAUSAU WI

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	10.6%
ISDN BRI	25.1%	25.3%	25.5%	25.7%
ISDN PRI	82.5%	82.5%	82.4%	82.4%
SS7: TRS317	97.2%	97.2%	97.2%	97.2%
SS7: TRS394	97.2%	97.2%	97.2%	97.2%

AL

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.4%	0.4%	0.4%	0.4%
ISDN PRI	0.8%	0.8%	0.8%	0.7%
SS7: TRS317	0.9%	2.4%	2.4%	2.3%
SS7: TRS394	0.9%	2.4%	2.4%	2.3%

AR

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.4%	0.4%	0.4%	0.4%
ISDN PRI	0.5%	0.5%	0.5%	0.5%
SS7: TRS317	0.7%	0.7%	0.7%	0.6%
SS7: TRS394	0.7%	0.7%	0.7%	0.6%

AZ

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.0%	0.0%	0.0%	0.0%
SS7: TRS317	0.0%	0.0%	0.0%	0.0%
SS7: TRS394	0.0%	0.0%	0.0%	0.0%

CA

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.3%	0.3%	0.5%	3.0%
ISDN PRI	0.3%	0.3%	0.5%	3.0%
SS7: TRS317	0.1%	0.3%	0.3%	0.3%
SS7: TRS394	0.1%	0.3%	0.3%	0.3%

FL

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.0%	0.0%	0.0%	0.0%
SS7: TRS317	0.0%	0.0%	0.0%	0.0%
SS7: TRS394	0.0%	0.0%	0.0%	0.0%

HI

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	1.2%	1.4%	1.3%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	1.7%	1.7%	1.7%	1.7%
SS7: TRS317	2.5%	2.6%	2.5%	2.5%
SS7: TRS394	2.5%	2.6%	2.5%	2.5%

IA

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	1.0%	1.0%	0.9%	0.9%
ISDN PRI	1.7%	1.7%	1.7%	1.6%
SS7: TRS317	0.8%	1.6%	1.6%	1.5%
SS7: TRS394	0.8%	1.6%	1.6%	1.5%

ID

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.5%	0.6%	0.6%
ISDN BRI	0.3%	0.9%	1.3%	1.3%
ISDN PRI	0.4%	0.9%	1.3%	1.3%
SS7: TRS317	1.2%	1.2%	1.3%	1.3%
SS7: TRS394	1.2%	1.2%	1.3%	1.3%

IL

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.2%	0.3%	0.8%	1.5%
ISDN BRI	1.9%	1.9%	1.9%	1.8%
ISDN PRI	4.8%	4.7%	4.7%	4.6%
SS7: TRS317	4.4%	6.2%	6.2%	6.0%
SS7: TRS394	4.4%	6.2%	6.2%	6.0%

IN

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.3%	0.3%	0.3%
ISDN BRI	1.1%	1.1%	1.1%	1.1%
ISDN PRI	3.0%	3.0%	3.0%	2.9%
SS7: TRS317	3.4%	4.8%	4.8%	4.7%
SS7: TRS394	3.4%	4.8%	4.8%	4.7%

KY

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.9%	0.9%	0.9%
ISDN BRI	0.5%	1.7%	1.7%	1.6%
ISDN PRI	1.0%	2.2%	2.2%	2.2%
SS7: TRS317	2.8%	3.0%	3.0%	2.9%
SS7: TRS394	2.8%	3.0%	3.0%	2.9%

MI

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.9%	0.9%	0.9%
ISDN BRI	0.0%	0.0%	1.3%	1.2%
ISDN PRI	1.4%	1.4%	2.6%	2.6%
SS7 TRS317	3.5%	4.7%	4.7%	4.6%
SS7 TRS394	3.5%	4.7%	4.7%	4.6%

MN

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.0%	0.0%	0.0%	0.0%
SS7: TRS317	0.0%	0.0%	0.0%	0.0%
SS7: TRS394	0.0%	0.0%	0.0%	0.0%

MO

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.5%	0.5%	0.6%
ISDN BRI	0.3%	0.8%	0.9%	0.9%
ISDN PRI	0.2%	0.7%	0.8%	0.8%
SS7: TRS317	0.4%	0.9%	0.9%	0.9%
SS7: TRS394	0.4%	0.9%	0.9%	0.9%

NC

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.2%	0.2%	0.2%
ISDN BRI	0.9%	0.9%	0.9%	0.9%
ISDN PRI	1.0%	1.0%	1.0%	1.0%
SS7: TRS317	1.6%	1.9%	1.9%	1.8%
SS7: TRS394	1.6%	1.9%	1.9%	1.8%

NE

Report for ONA Non Market Area

	1995	1996	1997	1998
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.7%	0.7%	0.7%	0.7%
SS7: TRS317	0.5%	0.8%	0.8%	0.8%
SS7 TRS394	0.5%	0.8%	0.8%	0.8%

NM

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.5%	0.5%	0.5%	0.5%
SS7: TRS317	1.0%	1.1%	1.1%	1.1%
SS7: TRS394	1.0%	1.1%	1.1%	1.1%

NV

Report for ONA Non Market Area

	1995	1996	1997	1998
ISDN BRI	0.3%	0.3%	0.3%	0.3%
ISDN PRI	0.3%	0.3%	0.3%	0.3%
SS7: TRS317	0.6%	0.6%	0.6%	0.6%
SS7: TRS394	0.6%	0.6%	0.6%	0.6%

OH

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.2%	0.8%	0.8%	0.8%
ISDN BRI	1.1%	1.1%	1.1%	1.0%
ISDN PRI	4.2%	4.3%	4.3%	4.2%
SS7: TRS317	5.0%	6.0%	6.0%	5.8%
SS7: TRS394	5.0%	6.0%	6.0%	5.8%

OK

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.1%	0.1%	0.1%	0.1%
SS7: TRS317	0.0%	0.1%	0.1%	0.1%
SS7: TRS394	0.0%	0.1%	0.1%	0.1%

OR

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.4%	0.4%	0.4%
ISDN BRI	0.0%	0.4%	0.4%	0.4%
ISDN PRI	0.2%	0.6%	0.6%	0.6%
SS7: TRS317	1.0%	1.1%	1.1%	1.1%
SS7: TRS394	1.0%	1.1%	1.1%	1.1%

PA

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.6%	0.6%	0.6%	0.6%
ISDN PRI	0.6%	0.6%	0.8%	0.8%
SS7: TRS317	0.7%	1.1%	1.1%	1.0%
SS7: TRS394	0.7%	1.1%	1.1%	1.0%

SC

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.0%	0.0%
ISDN PRI	0.5%	0.5%	0.5%	0.5%
SS7: TRS317	0.6%	1.1%	1.1%	1.1%
SS7: TRS394	0.6%	1.1%	1.1%	1.1%

TX

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.1%	0.1%	0.1%
ISDN BRI	0.5%	0.5%	1.5%	1.5%
ISDN PRI	2.7%	2.7%	3.5%	3.5%

VA

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.8%	0.8%	0.8%
ISDN BRI	1.4%	1.4%	1.4%	1.3%
ISDN PRI	1.4%	1.4%	1.4%	1.3%
SS7: TRS317	2.5%	3.2%	3.2%	3.2%
SS7: TRS394	2.5%	3.2%	3.2%	3.2%

WA

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.1%	0.2%	0.2%
ISDN BRI	1.2%	1.2%	1.2%	1.2%
ISDN PRI	1.4%	1.3%	1.4%	1.3%
SS7: TRS317	1.8%	2.1%	2.1%	2.1%
SS7: TRS394	1.8%	2.1%	2.1%	2.1%

WI

Report for ONA Non Market Area

	1995	1996	1997	1998
Intelligent Network	0.0%	0.0%	0.0%	0.0%
ISDN BRI	0.0%	0.0%	0.1%	0.1%
ISDN PRI	3.2%	3.2%	3.3%	3.2%
SS7: TRS317	3.0%	5.0%	5.0%	4.9%
SS7: TRS394	3.0%	5.0%	5.0%	4.9%

System Wide Report

	1995	1996	1997	1998
Intelligent Network	20.3%	39.1%	44.0%	46.7%
ISDN BRI	36.3%	40.2%	42.2%	42.6%
ISDN PRI	57.4%	61.5%	63.5%	63.7%
SS7: TRS317	68.8%	75.8%	75.8%	75.2%
SS7: TRS394	68.8%	75.8%	75.8%	75.2%

ATTACHMENT 4

New ONA services available through SS7, ISDN and IN, and plans to provide these services.

A. SS7

Custom Calling Local Area Signaling Services (CLASS)

Calling Name and Number Delivery

Calling Name and Number Delivery is an arrangement that is provided as an enhancement to Calling Number ID and permits a customer to receive the name, as well as the telephone number, associated with the calling party for calls placed to the customer. The calling telephone number and name will be forwarded to compatible customer-provided display equipment. If the calling telephone number and name is not available for forwarding to the called party, a message indicating that unavailability will be forwarded.

Calling Name and Number Delivery also includes Anonymous Call Rejection. This feature allows customers to automatically reject incoming calls when the call originates from a telephone number which has invoked a blocking feature that prevents the delivery of their number to the called party.

555 Access Arrangement

GTE will develop potential access arrangements and dialing plans based upon national standards that could be used by providers of enhanced services using 555 line numbers. Uniform access arrangements will allow both access providers and Information Providers the ability to more effectively plan the ubiquitous deployment of services. Several network technical requirements within the Public Switched Network (PSN) must be satisfied in order to realize the implementation of access for calls dialed with "555" numbers. These numbers may be dialed using either 7 or 10 digits depending on current access arrangements and local dialing plans. Non-national 555 numbers, if dialed from outside the area codes in which they are assigned will be dialed using 10 digits. These numbers however, if dialed from within their home NPA, could be dialed using 7 digits.

B. ISDN

GTE now has eighteen (18) states with ISDN tariffs. They are: AL, CA, FL, HI, ID, IL, IN, KY, MI, NC, OH, OR, PA, SC, TX, VA, WA, WI.

ISDN tariffs will be filed for the following states:

MO: file date - 07/24/96; eff. date - 08/23/96
NE: file date - 08/02/96; eff. date - 08/12/96

IA: file date - 08/15/96; eff. date - 09/15/96
OK: file date - 08/20/96; eff. date - 12/08/96
NV: file date - second half of 1996

ISDN tariffs are planned for the following states in first half of 1997: NM, AR.

This is a total of twenty-five (25) states for 1996-1997.

1998 states would be MN, AZ, AK (for a total of 28 states).

This will give GTE ISDN availability in every state that GTE has franchised territory. Not every customer will have access to ISDN due to the rural nature of some of the exchanges and the switching platform which is in place.

GTE will be offering National ISDN-1 and National ISDN-2 services within its network. ISDN-3 services will be offered when available from the vendors.

CLASS services are already available via ISDN. Additionally, GTE is in the process of providing Clear Channel 64 trunk groups where GTE has ISDN deployed.

C. ADVANCED ITELLIGENT NETWORK

GTE is proceeding to develop and introduce "Advanced Intelligent Network" (AIN) services based upon Bellcore AIN 0.1 standards. In support of this initiative, GTE has established an Off-Line AIN test facility for the purpose of performing integration testing of the new AIN 0.1 network elements and services.

The following three AIN services are being trialed in selected GTE market locations.

InContact

InContact is a Personal single number service which introduces flexible call routing based upon criteria such as Time-Of-Day, Day-of-Week, Screening List of Calling Party telephone numbers, and preprogrammed routing options to effectively maintain contact with callers. The subscriber can change their routing options by dialing a special administrative number.

Custom Routing Service (CRS)

Custom Routing Service (CRS) is an enhanced group redirect service which allows business customers the ability to reroute calls to a group of telephone numbers to up to three alternate locations with one activation request. The customer dials a special administrative number to activate rerouting to one of the three desired alternate locations.

Multilocation Centranet

Multilocation Centranet (MLCN) allows Centranet business customers the opportunity to expand their intercom dialing plan to include multiple different physical serving locations. With MLCN, one abbreviated dialing plan, which could consist of 3, 4, 5, or 6 digits, is implemented across all serving locations.

In addition to these trial services, GTE has identified other services for possible market trials in 1995. These include the following:

Universal Access Number Service

Allows a business customer with multiple operating locations to advertise a single telephone number for access to all locations with the network determining the appropriate destination location based on criteria defined by the customer. Calls to this number will be routed based upon parameters such as the Calling Party's number or physical location of the caller with additional options such as the time of day, day of week, percent distribution, or information input by the caller.

Security Screening

Allows security access screening to be performed in the network before a call is completed to a subscriber's location. The subscriber determines the criteria for call completion based upon the Calling Party's number, Authorization Code, or a combination of both. Future enhancements will include Voice Print Screening options. Voice recognition capabilities are included as part of Bellcore's AIN 0.2 functionality set with expected availability beginning in late 1996.

Abbreviated Dialing

Allows ESPs to be accessed by their customers via an abbreviated number consisting of less than (7) or (10) digits. Various numbering alternatives under investigation include #NXX, NXX#, or a common N11 gateway.

500 NXX Access

This is an access service which routes 500 number calls to the appropriate service provider.

888 (800 Number Expansion)

This is an access service which routes the expanded 800 number service assigned to the new (888) NPA to the appropriate service provider.

Special Alerting Service

This is a service which provides special alerting to a subscribers line when calls are received from Calling Parties included on a special screening table. Special alerting consists a unique ringing pattern and Call Waiting tones if the customer subscribes to Call Waiting service. All other callers will result in normal ringing service.

ATTACHMENT 5

Progress reports on the implementation of service-specific and long-term uniformity issues.

GTE has participated in the IILC since 1987 Following is a listing of IILC issues and their current status:

001-TWC	(R)	Uniform Provision of Calling Number Identification
002-TWC	(R)	Customer Proprietary Network Information Availability
003-TWC	(R)	ESP/Customer Access to BOC Network Management Systems
004-TWC	(R)	InterLATA Transport of ONA Services
005-NTWC	(R)	Notification of State ONA Tariff Filings
006-NTWC	(R)	Maintenance of ONA Plan Reference Document
007-NTWC	(R)	Guidelines and Principle of Uniformity
008-TWC	(R)	ESP/User Initiated Diagnostics
009-NTWC	(W)	Uniform Non-Geographic Number Access to ESP Services
010-TWC	(R)	ESP Frame Relay Access to ISDN Customers
011-NTWC	(R)	Uniform Access Numbers for ESPs
012-TWC	(R)	Ability to Detect Break in Telco Line Within 60 Seconds
013-NTWC	(R)	Proprietary Demand Information Protection
014-TWC	(R)	Direct ESP Packet Connection to ISDN End Office
015-TWC	(R)	Information and Delivery Mechanisms for ESP Billing
016-TWC	(R)	ESP Input To The BOC Network Planning Process
017-TWC	(R)	Uniform Delivery of Lineside CNI in the Near Future
018-TWC	(R)	Ability to Control CNI Delivery
019-TWC	(R)	Computer-Telecommunications Switch Call Control
020-TWC	(W)	Sub-rate Multiplexing for Data Over Voice (DOV)
021-NTWC	(R)	Systematic Approach to Uniformity of ONA Services
022-NTWC	(R)	Unbundling Criteria
023-NTWC	(W)	Estimating Market Demand
024-NTWC	(R)	CPID Anonymity/Privacy
025-TWC	(R)	ESP Access to LEC Audible Ringing for Certain Originating Calls
026-IILC	(R)	Long Term Unbundling and Network Evolution
027-IILC	(R)	Call Forward Busy/Don't Answer on All-Trunks-Busy Situation
028-IILC	(R)	Inter-Switch SMDI
029-IILC	(R)	Activation of Message Waiting Indication in non-SMDI Environment
030-IILC	(R)	Message Waiting Indication: Ringback After Busy Transfer
031-IILC	(I)	Switch-Computer Applications Interface (Telemessaging Applications)
032-IILC	(W)	Information for ISDN Services
033-IILC	(R)	Visual Message Waiting Indicator

034-IILC	(R)	Call Busy/Call Idle Audio/Video Message Application
035-IILC	(R)	Clarification of BSA Definitions
036-IILC	(R)	Local Calling Area Abbreviated Dialing Access to Information and Enhanced Services
037-IILC	(R)	ESP Provision of Call Control
038-IILC	(R)	Call Forwarding Control Capabilities for End Users and ESPs
039-IILC	(R)	ESP Needs for OSS Capabilities Associated With End-User Complementary Network Services
040-IILC	(R)	Abbreviated Call Forwarding Activation
041-IILC	(R)	Delivery of Billing Information and Called Number to ESP Utilizing Non-Access Dialing Format
042-IILC	(R)	Call Transfer for ESP Lines with Called Number Identification
043-IILC	(R)	Call Screening and Intercept
044-IILC	(H)	Advanced Intelligent Network (AIN) Access by Non-LEC Resource Element
045-IILC	(R)	Series Circuits on Selected Telemessaging Subscribers
046-IILC	(H)	Delivery of Intra-LATA (NPA) 555-XXXX Dialed Calls To Service Provider
047-IILC	(R)	Call Forward - Transfer Back
048-IILC	(R)	Client Controlled Call Screening of a Forwarded Line
049-IILC	(A)	AIN/IN Trigger Usage in a Multi-Provider Environment
050-IILC	(A)	AIN/IN Trigger Provisioning in a Multi-Provider Environment
051-IILC	(A)	Guidelines for Access to Operations, Administration, Maintenance and Provisioning (OAM&P) Functionalities in a Multi-Provider Environment
052-IILC	(A)	Definition and Criteria for Placement of Logical Interconnection Mediation Functions
053-IILC	(A)	Guidelines for Mediation Among Multiple Service and Network Providers
054-IILC	(W)	Management of Network Interactions Among Multiple Service Providers
055-IILC	(A)	ISDN Information for ESPs
056-IILC	(PH)	Identify and Define Specific Mediation Functions for "Create-Call"
057-IILC	(A)	ESP Guide to AIN Service Development

(A) Active
(P) Provisional
(I) Inactive
(W) Withdrawn
(H) Hold
(R) Resolved

ESP service requests have been examined under the IILC's "Systematic Approach to Uniformity of ONA Services" process. The IILC recommends that ESPs with an identified need for the service utilize the final issue documentation as a guide when requesting the capability from individual LECs. This process will assist the ESP in obtaining the capability in a uniform manner

GTE has actively participated in the resolution of uniformity issues in the past and will continue to do so.

ATTACHMENT 6

Billing information.

GTE provides the following ONA services that supply network information that may be useful to ESPs in billing their customers:

Called Directory Number Delivery via DID
Calling Billing Number Delivery - FG B Protocol
Calling Billing Number Delivery - FG D Protocol
Calling Directory Number Delivery - via ICLID
Message Desk ("SMDI")
Call Detail Recording Reports - Packet

ATTACHMENT 7

Operations Support Systems (OSS) Services.

GTE has yet to see any market demand for "direct" access to OSS by ESPs. GTE's enhanced services personnel currently use the same "form of access" for ordering and repair of network services that is provided to unaffiliated ESPs. If GTE decides to provide "direct" access to OSS for its ESP, or if requests from unaffiliated ESPs meet the Commission's assessment criteria for ONA services, then GTE will develop, provision, and tariff such access in accordance with the CEI principles addressed in GTE's ONA Plan.

ATTACHMENT 8

A list of BSEs that GTE uses in its provision of enhanced services.

GTE currently uses the following BSEs for the provision of its enhanced services:

Message Desk (SMDI)
Message Waiting Indicator - Activation (Audible)
Multiline Hunt Group - Uniform Call Distribution Line Hunting
Multiline Hunt Group - UCD with Queuing
Three Way Call Transfer
Uniform 7 Digit Access Number - Remote Call Forwarding
Message Waiting Indicator - Activation (Audible Ring Burst)